COPY FOR IB

PCT/KR2005/000015

PATENT COOPERATION TREATY

REC'D 20 JUN 2005

From the			
INTERNATIONAL SEARCHING AUTHORITY	-	0.1	WIP

INTER To: DARAE PATENT FIRM 10th Floor, KIPS, 647-9, Yeoksam-dong, Kangnam-ku Seoul 135-980, Republic of Korea Applicant's or agent's file reference 05PP003

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing

FOR FURTHER ACTION

(day/month/year) 31 MAY 2005 (31.05.2005)

See paragraph 2 below

International filing date (day/month/year)

Priority date(day/month/year)

International application No. PCT/KR2005/000015

05 JANUARY 2005 (05.01.2005)

05 JANUARY 2004 (05.01.2004)

International Patent Classification (IPC) or both national classification and IPC

IPC7 B65D 77/04

Applicant

AHN, Joon-Young

1.	This	opinion contain	s indications relating to the following items:
	\boxtimes	Box No. I	Basis of the opinion
•		Box No. II	Priority Priority
		Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
٠		Box No. IV	Lack of unity of invention .
	\boxtimes	Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
		Box No. VI	Certain documents cited
		Box No. VII	Certain defects in the international application
		Box No. VIII	Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.

For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR

Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

CHOI, Ki Hyuk

Telephone No. 82-42-481-5894



WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2005/000015

which tregard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)). With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the latimed invention, this opinion has been established on the basis of: 1. type of material a sequence listing table(s) related to the sequence listing in wirtten format b. format of material in wirtten format in computer readable form contained in the international application as filed. contained in the international application in computer readable form. filed together with the international application in computer readable form. filed together with the international application in computer readable form. filed orgether with the international application in computer readable form. filed orgether with the international application in computer readable form. time of filing/furnishing. filed orgether with the international application in computer readable form. time of filing/furnishing. time of filing/furni	No. I Basis of th	is opinion					
which it was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)). With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the laimed invention, this opinion has been established on the basis of: 1. type of material a sequence listing a sequence listing		•					
which is the language of a translation for the purposes of the purposes of search. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the laimed invention, this opinion has been established on the basis of: 1. type of material a sequence listing the lates of the sequence listing to invirte format in computer readable form to contained in the international application as filed filed together with the international application in computer readable form filed together with the international application in computer readable form filed together with the international application in computer readable form formation in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	With regard to the which it was filed,	language, this opi unless otherwise i	inion has been esta indicated under this	blished on the basis s item.	of the international	l application in the la	anguage in
Rules 12.3 and 23.1(b). With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of: 1. type of material a sequence listing a sequence listing a sequence listing a ble(s) related to the sequence listing in wirten format in computer readable form filed together with the international application as filed. filed together with the international sphication in computer readable form. filed together with the international sphication in computer readable form. filed together with the international sphication in computer readable form. filed together with the international sphication in computer readable form. filed together with the international sphication in computer readable form. filed together with the international sphication in computer readable form. filed together with the international sphication in the obsequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	This opinion	has been establish	hed on the basis of tich is the language	a translation from to of a translation fu	he original languag rnished for the purp	e into the following oses of international	language search (under
Limed threshold, this opinion has been established on the basis of the property of material as equence listing uble(s) related to the sequence listing b. format of material in wirtten format in computer readable form conjugate readable form conjugate readable form filled together with the international application in computer readable form. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:		nd 23.1(b)).					
a sequence listing table(s) related to the sequence listing of format of material in computer readable form time of filing/furnishing contained in the international application as filed filed together with the international application in computer readable form furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	With regard to a	y nucleotide and this opinion has b	d/or amino acid s ocen established on	sequence disclosed the basis of:	in the internationa	l application and nec	cessary to the
b. format of material in wirtten format in computer readable form contained in the international application as filed contained in the international application in computer readable form. filled together with the international application in computer readable form. fill fill fill fill fill fill fill fil							
in wirtten format in computer readable form contained in the international application as filed. contained in the international application in computer readable form. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:			nce listing				• •
in computer readable form contained in the international application as filed. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:				•			
contained in the international application as filed contained in the international application in computer readable form. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:							
contained in the international application as filed. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	П шестр	iter readulate raini					
contained in the international application in computer readable form. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	time of filing/fu	rnishing					
filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	containe	l in the internation	nal application as fi	iled.			
furnished subsequently to this Authority for the purposes of search. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	filed tog	ther with the inter	rnational application	on in computer read	able form.		
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:	furnishe	1			ch.		
filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:		subsequently to t	this Authority for t	he purposes of sear			
	In addition,	in the case that me	ore than one version	n or copy of a sequ	ence listing and/or t	able relating thereto	has been
	filed or form	in the case that mo	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic	in the case that mo ished, the required ation as filed or do	ore than one version	n or copy of a seque	ence listing and/or t	moani copies is iden	has been tical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque e information in the application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itien to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque e information in the application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itien to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque information in the application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque information in the application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is tatements that the ones not go beyond t	n or copy of a seque e information in the application as fi	ence listing and/or to subsequent or addited, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is tatements that the ones not go beyond t	n or copy of a seque e information in the application as fi	ence listing and/or to subsequent or addited, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond t	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or additional led, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond the	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or addited, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond the	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or addited, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond the	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or addited, as appropriate,	were furnished.	itical to that
	filed or furn in the applic Additional comm	in the case that mo ished, the required ation as filed or do ents:	ore than one version is statements that the ses not go beyond the	n or copy of a seque e information in the she application as fi	ence listing and/or to subsequent or addited, as appropriate,	were furnished.	itical to that

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/KR2005/000015

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Statement Novelty (N)	Claims	1-5	YES
Novelly (11)	Claims	None	NO
Inventive step (IS)	Claims	3 - 5	YES
mvenuve step (15)	Claims	1, 2	ио
Industrial applicability (IA)	Claims	1 - 5	YES
	Claims	None	NO

2. Citations and explanations:

The following documents identified in the International Search Report have been considered for the purpose of this written opinion:

D1: JP 54-038882 A 1,2

D2. JP 02-107167 A 1,2

D3: WO 95/019916 A 1.2

1. Novelty and Inventive Step

The invention of claim 1 is a container for vacuum packing comprising a base panel and a front panel with an air hole, and claim 2 adds an embossment onto the base panel of claim 1 to define an air discharge path.

D1 discloses a container for vacuum packing, D2 discloses a container having a base panel and a front panel with an air hole, and D3 discloses a container having a base pane with a boss (24).

The prior art D1 to D3 do not individually disclose all the technical features of claims 1 and 2. However, it would be obvious to a person skilled in the art to simply apply the container of D2 to the vacuum packing of D1, thereby arriving at the invention of claim 1. Also, it would be obvious to a person skilled in the art to simply combine the teachings of D1 to D3, thereby arriving at the invention of claim 2.

Therefore, claims 1 and 2 satisfy the requirement of PCT Article 33(2) in respect of novelty, but do not satisfy the requirement of PCT Article 33(3) in respect of inventive step.

The juice storage of claim 3, the base panel adjustable in length of claim 4, and the guide panel of claim 5 are not disclosed in any of the prior art D1 to D3 and are not obvious to the person skilled in the art.

(Continued in Supplemental Box.)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2005/000015

Sm	nni	em	en	tal	Box

In case the space in any of the preceding boxes is not sufficient. Continuation of:

Box V.

Therefore, claims 3 to 5 satisfy the requirement of PCT Article 33(2)(3) in respect of novelty and inventive step.

2. Industrial Applicability

The inventions of claims 1 to 5 relate to a container for vacuum packing, which is constructed so that air is easily drawn from an interior to an open end of a vacuum bag, thus allowing food to be easily and hygienically vacuum packed. Therefore, claims 1 to 5 possess industrial applicability according to PCT Article 33(4).